

SIDE IMPACT OR CURTAIN AIR BAG WITH POSITION ENHANCING
OR LOCATING MECHANISM

Abstract

A side impact air bag curtain apparatus comprising: an inflatable air bag adapted to be installed within a vehicle in a stowed condition proximate the roof rail of a vehicle and when inflated expands from the stowed condition to a deployed condition generally in front of an adjacent side of the vehicle; the air bag including a set of first air bag anchors fixedly connected to a determinable set of fixed first vehicle anchors within the vehicle, the air bag including at least one second air bag anchor at an end of the air bag; and a force-resolving member such as a bent rod or other member fixedly mounted at a determinable orientation within the vehicle and adapted to slidingly receive and support the second air bag anchor. The force-resolving member in concert with the foreshortening of the air bag during inflation causing the second air bag anchor to move to a preferred orientation.

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